GOOD 582

The Daily Paper of the Submarine Branch With the co-operation of the Office of Admiral (Submarines)

Sight. Smell. Taste, Touch, Hearing, all deceive

DON'T TRUST

Why, says

C. N. DORAN

C. N. D



two days again) and I'm beginning to remember a thing or two.

There was a mad place where a woman screeched and cymbals or something sounded—where sailors and nice little girls in short skirts stood close together and propelled themselves round and round and until they got back where they started. There was another continuous noise there, too—like some people thumping a door as though they wanted admission (couldn't have been that, of course—no one would fight to get in there—that's just a figurative expression).

I was happy there—I had some descendants of the Bard of Avon on each side of me, so I was safe from falling, in spite of some mine-laying marauders, who, used to living in a vessel the size of a palace, persisted in plunging and pushing.

But my peace was short-lived—my num and gin and half and halves were wasted—I was as sober as a sailor (!) at 10.25 a.m. One Bill Britton tore so many strips off me I looked like a banana out of its skin. P.O. Tel. Joe Lewis and some other Unshaken gentlemen wrote to me once advising me that I was a

once advising me that I was a

Your letters are welcome! Write to "Good Morning" c/o Press Division. Admiralty. London, S.W.1



WE nearly tripped over your that everything and everybody wife when we visited is much as it was when you No. 2, King Street, Rothesay, were last home.

Leading Stoker James Lucas. So you are a townie of this Now the good lady has resigned writer? Shepherd's Bush was home soon, and it's just possible from her position of Chief Life looking pretty well when we that Angus might be able to Guard at the local swim pool saw it some weeks ago, and get away from Ceylon on a boat she feels a trifle lazy sitting more up-to-date news comes heading homewards.

Tom, as you probably have to pass the time than for any best wishes to you, and says other reason she scrubs and scrubs.

Soon, as you have probably heard in her letters, she will start another job—this time it will be a dryer and warmer occupation.

Mrs. Lucas doesn't go around the town very much, but from infrequent trips she observes

Won't take you long to find a place that is something in common with the "Harbour Bar."
Your wife's father is expected writer? Shepherd's Bush was home soon, and it's just possible to more up-to-date news comes heading homewards.

Tom, as you probably have heard in her's coming round, and see her next leave or she will with any luck he, too, might be writing to an Admiral or get a trip to Blighty. The final news brief comes from Bill Pawson; he is still taking some form the following production.

Remember Bob Hayes and Pawson; he is still taking some form the following production.

Work and the common of the sone weeks ago,



Commando

Says T. S. Douglas

Worm is

Tough

WATER DIVINING **BAFFLES SCIENCE**

Agree Brains Trust

Is there anything in water-divining, and if so, what is the scientific explanation?

This question is discussed by a Geologist, a Physicist, a Watter-diviner, and a Surveyor.

Geologist: "Not so very long ago water-divining was classed by scientists with astrology, fortune-telling amd magic, as a groundless superstition. But a more critical examination of the evidence has recently caused them to modify their views. It now seems probable that water-divining, as a phenomenon, does actually occur, the twing would start to jump about, and the diviner would not only declare that water was to be found there, but also give its depth down with reasonable accuracy. "They tell me that the twig jumps. There is no electivity divined with the diviners are able to do."

Surveyor: "I have seen a diviner walk slowly over a field with his twig held out in front of him with both hands. "Then, quite suddenly, the twig would start to jump about, and the diviner would not only declare that water was to be found there, but also give its depth down with reasonable accouracy."

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"I employ diviners more often than I consult geologists when I want water, for the simple reason that they are more often successful.

"The Army, too, often employ diviners when seeking a suitable locality for a permanent camp."

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Water-diviner: "I think the reason why we diviners come under suspicion is that our art depends on a special faculty which the majority of people do not possess.

"When the scientist comes to test our claims himself he finds he does not succeed.
"The attitude of the geologists towards us used to be precisely the same as that of the doctors towards the osteopaths."

Geologist: "Well, that is not Geologist: "Well, that is not so any longer, for many geologists have found that they possess the faculty of divining, and one in particular, Dr. Dollar, actually performed a mineralogical survey of Lundy Isle by divination, and afterwards confirmed its correctness by the usual geological methods."



"I'm afraid you'll have to take us as you find us, sir! Last night's exercises were un-armed combat!" Last

that water-diviner; as a phenomenon, does actually occur, though—"

Water-diviner: "Thank you! I earn my living by it!"
Geologist: "—though there is no shock. But it is a little misleading to say that the twig jumps about. I earn my living by it!"
Surveyor: "I haven't the least doubt that water-divining occurs.

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rents are so slight that one would not expect to receive a shock.

"The energy of the movements is probably entirely muscular, the earth-currents acting as a mere trigger.

"They possibly cause sympathetic currents in the spinal cord or the brain, where, given a sufficiently sensitive organism, almost anything can be believed to happen."

Water-diviner: "The idea of sympathetic currents is very interesting, because a friend of mine was once told that his powers were due to electric currents running up his legs from the earth, and so he insulated himself by wearing rubber boots.

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Water - diviner: "I don't know what method Dr. Dollar used for divining his minerals, but most people would be surprised to know that no two diviners go to work in the same way.

"I use a forked hazel-twig, but many cut themselves any old stick from a bush, or use a piece of wire.

"Others, agaim, don't use a divining-rod at all, but rely entirely upon an inner sense." Physicist: "There have been several proposed explanations of water-divining, and Ithink the most promising is that which ascribes a peculiar sensitivity to minute electric currents in the diviner.

"The surface of the earth is a maze of electric currents whose strength and paths depend on the minerals and water in the soil and rocks. "These currents can be measured with suitable ap-



Where the Pavements End MARSON MARTIN'S COUNTRY CALENDAR

UP in the Plack, the high ten-acre field beyond the churchyard wall, they're pulling wurzels. Big, plump roots, they are, sure sign that they've had plenty of something good under them. How good and how much can be judged from the fact that after the field had received its last harrowing, the wisps of strawy manure were still sticking up all over it like the stubs on a plucked rooster.

And this morning Felix chuckles to himself, for his eyes tell him that the hard work of the muck-spreading has not been in vain. It's well that he should start this particular day feeling pleased, for much labour lies ahead. Pulling wurzels from holding clay is work to try the stamina and temper of a man. And it's wet work, too. Each crown of fleshy leaves seems to have stored in it sufficient water to fill a kettle; and striking off the dripping tops is apt to make a man wetter than he cares to be. . . . Against the sheltered bank, below a thorn hedge, the long clamp grows as the early dusk descends. Eighty yards of it or more, there'll be, before the last rows are carted; already the twists of straw that provide the ventilation march down it like rows of chimney-pots. . . .

the ventilation march down it has chimney-pots... And on the frosty February morning when it is opened, there, growing out of the yellow scars where the trimming knife struck will be the pale violet fronds that sprouted, shut away from the light, in the warm secrecy of the clamp. It will be bitter-cold work opening that clamp and

shovelling the steaming roots into the farm cart, while the horse blows smoke from its nostrils at each breath...

Below the Plack a deep lane leads to the rickyard. To-day it is dry and crumbly in the deep ruts left by the cart wheels. But under the spreading oaks the ground is puddled. Great drops of moisture have been lopping off the trees since the November sun struggled through at ten-ish. And anyone climbing that lane with an observant eye could not fail to notice how the biggest puddles and the softest mud lie directly under those oaks which are half-strangled with climbing ivy. It seems that the broad, cold leaves of the ivy are singularly adapted to this helpful process of condensation which contrives successfully to water the earth when no rain falls. Many men, wise in country ways, say that this is the secret of the dew-ponds that never dry out, even in a drought, although no springs bubble through the earth to replenish them...

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In the muddy ruts under the caks some ears of wheat have sprouted and are now some three inches high. Brushed off the wagon by the overhanging hazels, when the men were carting in late August, each ear has produced a comb of pale green shoots along the whole length of the withered brown ear.

Each individual grain of wheat has burst in the warm mud to start once more the endless cycle of growth, maturity and decay...

AN American agricultural expert has developed a "Commando worm," which he believes with careful development will become one of our most important instruments in restoring the fertility of devitalised land.

The worm is tougher and stronger than the ordinary garden worm, and is able to live on barren ground. Merely by living in the ground, it gradually turns it into rich soil.

gradually turns it into rich soil.

Even many gardeners are not aware of the wonderful and vital pant played by worms in the cultivation of the soil. The experienced gardener likes to see a good lob worm in every spadeful of earth he turns up, for it is a sign that the soil is healthy. But few people appreciate that without worms the cultivation of the soil would be almost impossible.

Worms cultivate the soil in a number of ways. They are great tunnellers. It is estimated that the 2,500,000 or so worms found in every acre of healthy soil drive tunnels totalling 70,000 miles in length every year. Think of that in terms of drainage and aeration of the soil!

The late Sir J. Arthur Thom-

of drainage and account soil!

The late Sir J. Arthur Thomson once watched a worm at work dragging pieces of leaf down into its hole. In a comparatively short time the worm had withdrawn 91 pieces of leaf

had withdrawn 91 pieces of leaf.

Multiply this by the number of worms to the acre, and you will appreciate what worms do to add humus to the soil. Some of the leaf is consumed by the worm, but much is left to "manure" the soil and improve its quality.

At the same time the worm is carrying up from the ground good top soil. The soil from which they have extracted the nourishment they require the worms throw up to the surface—these "worm casts" are familiar to gardeners, who dislike them on the lawn.

The process is equivalent to ploughing. The amount of earth brought up by each worm is trifling, but multiply by the number of worms and you have tons of soil being brought to the surface every year.

The great Charles Darwin,

GET IN FRONT OF

"These currents can be feats makes them available only measured with suitable apparatus, though nothing has yet been invented which will successfully divine water at a used correctly.

Blurring of the image may be put down to two kinds of movement; camera shake and movement of subject.

ment of subject.

Opinions differ regarding the maximum exposure that may be given whilst holding the camera in the hand. I have given 1/10th sec. on a 24 inch square negative and enlarged to 12in. by 10in. with no appreciable signs of blur, but have on other occasions noticed shakiness when using 1/25th sec. These were, of course, for subjects with no movement of their own.

sec. and faster is quite safe, those that confront the owner of whilst, even with great care a very modest camera. Rules again, I fear, are chief instruments in solving their problems.

Never get closer to the opposite than 1/10th are inpracticable from the cheaper shutters.

The best view-point for the finish of a race, unless you can manage a really fast shot from the beam, is, again, along the track and facing the runners.

Choosing the best moment for exposite than the best moment for exposite than the cheaper shutters.

The greatest difficulties are finish of a race, unless you can manage a really fast shot from the beam, is, again, along the track and facing the runners. are inpracticable from the hand-held camera.

When photographing from a ship with engines running, never rest the camera on the rail, but hold it in your hand to

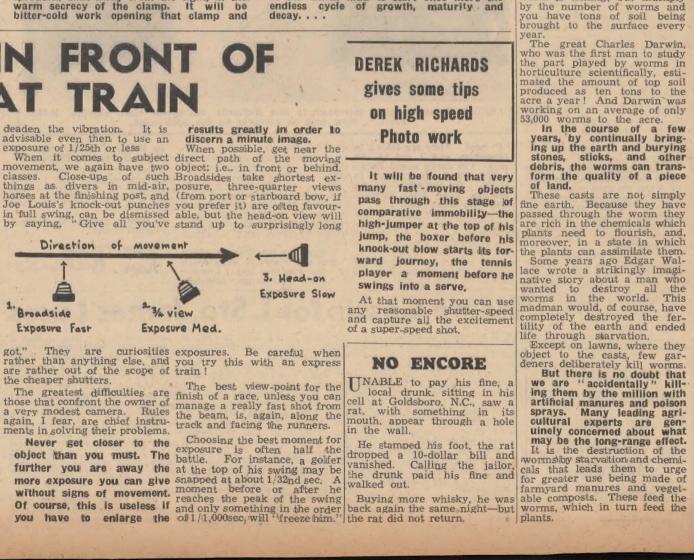
In the first of this series I deaden the vibration. It is mentioned high-speed photographs taken at less than one-supposure of 1/25th or less when possible, get near the exposure of 1/25th or less when possible, get near the equipment necessary for such feats makes them available only to the scientist. However, most things as divers in mid-air, posure, three-quarter views modern cameras are capable of taking first-class action shots if used correctly.

Blurring of the image may be greatly in order to discern a minute image.

When possible, get near the discern a minute image.

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When possible, get near the movement, we again have two object; i.e., in front or behind. Broadsides take shortest extended the movement, we again have two object; i.e., in front or behind. Broadsides take shortest extended the movement, we again have two object; i.e., in front or behind. Broadsides take shortest extended the movement, we again have two object; i.e., in front or behind. Broadsides take shortest extended the movement, we again have two object; i.e., in front or behind. Broadsides take shortest extended the movement, we again have two object; i.e., in front or behind. Broadsides take shortest extended the movement, we again have two object; i.e., in front or behind. Broadsides take shortest extended the movement, we again have two object; i.e., in front or behind. Broadsides take shortest extended the movement, we again have two object; i.e., in front or behind. Broadsides take shortest extended the movement, we again have two object; i.e., in front or behind. Broadsides take shortest extended the movement, we again have two object; i.e., in front or behind. Broadsides take shortest extended the movement, we again have two object; i.e., in front or behind. Broadsides take shortest extended the movement when the movement in full swing, can be discorted the movement in the moveme



got." They are curiosities exposures. Be careful when rather than anything else, and you try this with an express are rather out of the scope of train! the cheaper shutters.

BUCK RYAN



















































WE know that American collectors do not pay half the respect to shade differences as collectors in this country. I find in the New York paper, "Stamps," some notes on colour by F. Walter Pollock, which have an interest apart from their debunking aspect, and as they appear to be well-informed, I make some quotations here.



There isn't one collector out of a million says Mr. Pollock) who has the equipment or the knowledge, to enable him to make a scientific and accurate separation of shades according to the three classifications of hue, value and chroma. The other 999,999 use their eyes, a most inaccurate, deceptive and crude instrument under the most favourable conditions, and certainly not enhanced in reliability by colourblindness, colour - ignorance, astigmatism, myopia and artificial lighting.

In the second place, the generality of col-

cial lighting.

In the second place, the generality of collectors don't even know what colour is: that there is actually no such thing as colour in the absolute sense. The impression of colour is dependent upon the co-relation of three factors: the observer, the observed, and the medium by which they are brought together. Thus, an article which we call red is simply an article which, by its natural condition or as the result of its treatment or manipulation, absorbs to itself all light waves except those of a certain length, which, when reflected towards the eye of the observer, produce the coloursensation or reaction to which our language assigns the three letters "red."

It will thus be seen that colour-impressions

sensation or reaction to which our language assigns the three letters "red."

It will thus be seen that colour-impressions are distinctly variable according to the nature and character of the light-medium, and according to the perception of the observer, whether human or instrumental. With particular reference to the study of stamps, the reflection to the observer of the light-waves of a certain colour-frequency may be altered or modified by differences in the quality or the texture of the paper.

Moreover, the human observer is inaccurate because of his too great capacity for observation. His reactions to a certain shade may be modified by the influence of background, and in this respect his greater intelligence and his greater intelligence and his greater receptiveness to impressions render him less accurate than an instrument possessing what I might term wingle-track-mindedness."

One of the greatest defects in the human eve is its inability to polarise colour impressions.

impressions render him less accurate than an instrument possessing what 1 might term "single-track-mindedness."

One of the greatest defects in the human eye is its inability to polarise colour-impressions. Mix yellow and blue in the proper proportions, and we can see neither, but instead we receive a colour-impression to which we assign the name "green." But green is in the spectrum, and so may not be as good an example as "brown," which is a name we have devised to hide our inability to distinguish between the red or yellow and the black of which it is compounded.

In the early days of stamp production, when a new printing was ordered, a new pot of ink was stirred up, and the onus of making the colour and shade of the new batch conform to the old probably fell on the shoulders of some old near-sighted codger stuck away in a corner and working under gaslight.

To-day, however, inks are composed from stable synthetics, compounded by strict formula, and checked under fluorescent lamps. The varieties observed (or imagined) to-day rarely reflect variations in the ink itself, but rather are attributable to other influences and condition, such as the greater or lesser dampening of the paper, variations in the surrounding humidity and temperature, length of time the paper was in contact with the plate, etc.

Even when the variation arises from some alteration in the "fluidity" of the ink, as when



the paper was in contact with the plate, etc.

Even when the variation arises from some alteration in the "fluidity" of the ink, as when there is too much or too little vehicle, there is no change in pigmentation. One of the most prolific causes of "shades" is plate wear, whereby a thinner film of ink is deposited, and so the underlying paper is not covered to the same depth and completeness, and thus a "rare light shade is discovered"!

In this column are illustrated an Eire commemorative of the centenary of Brother Ignatius Rice, founder of the Christian Brothers, issued on August 29; a Dutch Curacao Air Mail stamp, one of a set of eight carrying a surcharge for the Red Cross; and a French pictorial depicting Chemonceaux.



Yours Sincerely, H.M.S. Forth



The Pin-up Editor was bucked to see this—means his job's safe for at least another month! All in the office admire the genius in "Trident" who stuck Ginger Rogers on the bottle. Was it you, A.B. Eddie Gallagher? Every time it's sippers, it's "bottoms up" all right!

Some of the crew of H.M. Submarine "Trident" snapped by "Good Morning's" ace-cameraman, "Fuse" Wilson (the libellous reason why he's called "Fuse" is told by Ron Richards in his account of a visit to H.M.S. "Forth" on the front page). Well to the fore are S.P.O. Willie Garlick and E.R.A. Johnny Birnie. Richards didn't get all the names on account of he'd met up with some "half and halves"—but we expect you can pick 'em out for yourselves.



This is our editor's favourite picture! Here's the evidence of his own eyes that the boys in "Forth" are interested enough to pin "Good Morning" on the notice board. That's removed some ugly doubts he had of the precise use to which the paper was being put!

and without a glass in his hand.



Here's the Spare Crew Mess Deck in H.M.S. "Forth" listening to "Fuse" Wilson saying "Watch the Birdie." We would have liked to have given all the names but that lug, Richards, didn't get around with his little notebook and pencil. More "half and halves,"

They've got the right idea about breakfast in the E.R.A.'s Mess. They pour it out of bottles.

